CLAIMS

1. A heat exchanger for a refrigeration device, with a base plate (1), a tubular pipe (2) for a coolant attached to the base plate and a sleeve (7, 11) arranged on the base plate for receiving a temperature sensor, characterised in that the sleeve (7, 11) is fixed on the surface of the base plate by at least one brace (8), which is connected to the sleeve (7, 11) and engages on the tubular pipe (2).

2. The heat exchanger as claimed in Claim, characterised in that each brace (8) has a clamping section (9) for clamping on the tubular pipe (2).

3. The heat exchanger as claimed in any one of the preceding claims, characterised in that the sleeve (7) and at least one brace (8) are configured monobloc.

4. The heat exchanger as claimed in Claim 3 characterised in that the sleeve (7) and at least one brace (8) are formed from a sheet metal blank of flat material.

5. The heat exchanger as claimed in Claim 4 characterised in that the sleeve (7) is produced by non-cutting forming of the flat material, in particular by rolling.

6. The heat exchanger as claimed in Claim 4 or 5, characterised in that the flat material is sheet metal.

7. The heat exchanger as claimed in Claim 1 or 2, characterised in that the brace (8) is clamped on the sleeve (11).

8. The heat exchanger as claimed in any one of the preceding claims, characterised in that it has at least two braces (8) assigned to the sleeve (7, 11).

9. The heat exchanger as claimed in Claim 8, characterised in that the two braces (8) extend out from the sleeve (7) in the same direction.

10. The heat exchanger as claimed in Claim 8, characterised in that the two braces (8) extend out from the sleeve (7, 11) in opposite directions.

11. The heat exchanger as claimed in any one of the preceding claims, characterised in that the tubular pipe bears a marking at the point of application of at least one brace.

12. The heat exchanger as claimed in any one of the preceding claims, characterised in that the tubular pipe (2) and the sleeve (7, 11) are connected to the base plate (1) by an adhesive layer (5).

13. The heat exchanger as claimed in any one of the preceding claims, characterised in that the tubular pipe (2) and the sleeve (7, 11) are enclosed between the base plate (1) and a film of deformable material (3).

14. The heat exchanger as claimed in Claim 13, characterised in that the film comprises bitumen, plastic material or aluminium or a mixture based on at least one of these materials.

15. A refrigeration device with a heat exchanger as claimed in any one of the preceding claims.